



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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MICHIGAN, East

Shiawassee County Durand	01	2315EST			0 0	6K	Thunderstorm Wind (G52)
Genesee County 3 S Swartz Creek	01	2319EST			0 0	3K	Thunderstorm Wind (G50)
Livingston County Cohoctah	01	2320EST			0 0	4K	Thunderstorm Wind (G52)
Genesee County Fenton	01	2329EST			0 0	6K	Thunderstorm Wind (G52)
Lapeer County Otter Lake	01	2330EST			0 0		Hail (1.75)
Livingston County Hartland	01	2330EST			0 0	6K	Thunderstorm Wind (G52)
Oakland County White Lake	01	2339EST			0 0		Thunderstorm Wind (G53) ^M
Lapeer County Metamora	01	2345EST			0 0	8K	Thunderstorm Wind (G55)

A cold front moved east across Wisconsin on the evening of June 1st. Thunderstorms developed ahead of the front in southern Wisconsin, and moved east, reaching southeast Michigan soon after midnight EDT. One of these storms managed to produce golfball sized hail in Otter Lake. For the most part, though, these storms were wind producers. Trees were downed in Durand, Cohoctah, Fenton, Hartland, and Metamora. A 61 mph wind gust was measured at the National Weather Service Office in White Lake.

Wayne County Detroit	14	1400EST			0 0	5K	Thunderstorm Wind (G52)
Macomb County Sterling Hgts	14	1410EST			0 0		Hail (0.75)
Macomb County Sterling Hgts	14	1410EST			0 0		Thunderstorm Wind (G52)
Lenawee County Britton	14	1435EST			0 0		Thunderstorm Wind (G52)
Lenawee County 5 N Adrian	14	1453EST			0 0	2K	Thunderstorm Wind (G50)
Wayne County Harper Woods	14	1503EST			0 0	4K	Thunderstorm Wind (G55)
Macomb County 3 N Utica	14	1509EST 1510EST			0 0	8K	Thunderstorm Wind (G52)
Macomb County Sterling Hgts to 6 NNW Mt Clemens	14	1525EST 1534EST			0 0	25K	Thunderstorm Wind (G61)
Genesee County Clio	14	1615EST			0 0	3K	Thunderstorm Wind (G50)
Midland County Sanford to Midland	14	1715EST 1725EST			0 0	7K	Thunderstorm Wind (G52)

A warm, humid air mass was in place across southeast Michigan. Thunderstorms developed in the afternoon, well ahead of a cold front in the upper Mississippi Valley. Several of these storms became severe. Spotters estimated 70 mph wind gusts in central Macomb County, where numerous trees and large limbs were downed. Severe reports elsewhere consisted of a few trees, limbs, and/or power lines downed by wind.



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MICHIGAN, East

MIZ069-075

Oakland - Washtenaw

25 0100EST 1300EST 0 0 60K Flood

Oakland County
3 NE Pontiac to
Rochester Hills

25 0100EST 0400EST 0 0 125K Flash Flood

Showers and thunderstorms with heavy rain marched across southeast Michigan, south of Interstate 69, in the early morning hours of the 25th. Rainfall amounts of 2 to 3 inches were common; the highest rainfall total was 3.40 inches in Walled Lake. Flash flooding in Auburn Hills washed out the entrance ramp from southbound Lapeer Road to Interstate 75. A creek in Rochester Hills flooded into a parking lot, damaging 5 cars. Otherwise, the main result was a lot of standing water. Some low-lying roads were closed for much of the 25th, including Walnut Lake Road in West Bloomfield, and Halstead Road in Farmington Hills. In Ann Arbor, Newport Road was closed after a section of it collapsed; a rusted culvert was blamed. Westbound Interstate 94, on the west side of Ann Arbor, was closed for much of the 25th, as water covered the road.

Runoff from the heavy rain caused some rivers to flood (see below).

MIZ070

Macomb

25 0830EST 1300EST 0 0 Flood

The Clinton River near Fraser exceeded flood stage of 16 feet at 930 am EDT on the 25th. The river crested at 16.1 feet at 11 am, then fell below flood stage at 2 pm.

MIZ075

Washtenaw

25 1100EST 26 1700EST 0 0 Flood

The Saline River at Saline exceeded flood stage of 10 feet at noon EDT on the 25th. The river crested at 11.0 feet at 11am on the 26th, then fell below flood stage at 6 pm.

MIZ076

Wayne

26 0500EST 1000EST 0 0 Flood

The Lower Rouge River at Inkster exceeded flood stage of 10 feet at 6 am EDT on the 26th. The river crested at 10.2 feet at 7 am, then fell below flood stage at 11 am.

MIZ068

Livingston

27 0600EST 30 2359EST 0 0 Flood

The Huron River at Hamburg exceeded flood stage of 6 feet at 7 am EDT on the 27th. The river crested at 6.7 feet at 2 pm on the 30th, and would remain above flood stage until July 8th.

Macomb County
Sterling Hgts

29 1405EST 0 0 Hail (0.75)

Oakland County
Clarkston

29 1420EST 0 0 Hail (0.75)

Bay County
Linwood

29 1430EST 0 0 Hail (0.75)

Washtenaw County

4 SW Ann Arbor to
2 SW Ypsilanti

29 1430EST 1442EST 0 0 Hail (0.75)

Washtenaw County

2.5 NE Saline

29 1448EST 0 0 Hail (0.75)



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					Killed	Injured	Property	Crops	
<u>MICHIGAN, East</u>									
Washtenaw County									
1 N Whittaker	29	1500EST 1512EST			0	0			Hail (0.75)
Oakland County									
Holly to Davisburg	29	1503EST 1515EST			0	0			Hail (0.75)
Wayne County									
5 SSW Belleville	29	1515EST			0	0			Hail (0.75)
Monroe County									
1 S Milan	29	1522EST			0	0			Hail (0.75)
Oakland County									
White Lake	29	1545EST			0	0	8K		Lightning
Lightning struck the National Weather Service office, damaging computers and other electronic equipment.									
St. Clair County									
Yale to Avoca	29	1705EST 1710EST			0	0			Hail (1.00)
St. Clair County									
St Clair	29	1752EST			0	0			Hail (0.75)
Oakland County									
Troy	29	1842EST			0	0			Hail (0.75)
Macomb County									
Warren	29	1850EST			0	0			Hail (0.75)

A potent upper level disturbance crossed lower Michigan, bringing with it very cold air aloft. The result was an unstable atmosphere, and a setup favorable for hail. Many storms developed in the afternoon and evening, with a number producing marginally severe hail. Hail as large as quarters fell in Yale; all the other reports were of dime sized hail.